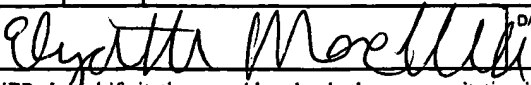


Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 59249-0157 (INSL-125DV)		Application Number 10/662,761	
				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	
U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,067,000	1/3/78	Carlson			
		4,151,845	5/1/79	Clemens			
		4,211,998	7/8/80	Junginger et al.			
		4,231,019	10/28/80	Junginger et al.			
		4,364,385	12/21/82	Lossef			
		4,373,527	2/15/83	Fischell			
		4,424,720	1/10/84	Bucchianeri			
		4,435,173	3/6/84	Siposs et al			
		4,469,481	9/4/84	Kobayashi			
		4,475,901	10/9/84	Kraegen et al.			
		4,498,843	2/12/85	Schneider et al			
		4,514,732	4/30/85	Hayes Jr.			
		4,529,401	7/16/85	Leslie et al.			
		4,559,033	12/17/85	Stephen et al.			
		4,559,037	12/17/85	Franetzki et al.			
	4,560,979	12/24/85	Rosskopk				
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
		EP0867196	13.03.98	Europe			
		0342947	17.05.89	Europe			
		WO81/01658	25.06.81	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Web-Site Brochure dated 1/4/00. MiniMed 508. "Doing its job. Naturally." www.minimed.com/tiles/mm_113.htm					
		Web-Site Brochure dated 12/20/99. Applied Medical Technology. "508 Pump Information". www.applied-medical.co.uk/508.htm					
		Web-Site Brochure dated 1/4/00. "The Glucose Sensor". www.animascorp.com/sensor_f.html					
EXAMINER E. J. MacNeil							
DATE CONSIDERED				9/18/06			
EXAMINER'S: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.							

Subst. PTO-1449 (1-94)

Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 59249-0157 (INSL-125DV)		Application Number 10/662,761	
				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
GMA ↓		4,562,751	1/7/86	Nason et al.				
		4,585,439	4/29/86	Michel				
		4,601,707	7/22/86	Albisser et al.				
		4,634,427	1/6/87	Hannula et al.				
		4,678,408	7/7/87	Nason et al.				
		4,684,368	8/4/87	Kenyon				
		4,685,903	8/11/87	Cable et al.				
		4,781,693	1/1/88	Martinez et al.				
		4,855,746	8/8/89	Stacy				
		4,886,499	12/12/89	Cirelli et al.				
		4,969,874	11/13/90	Michel et al.				
		5,007,458	4/16/91	Marcus et al.				
		5,062,841	11/5/91	Siegel				
		5,176,662	1/5/93	Bartholomew et al.				
		5,213,483	5/25/93	Flaherty et al.				
	5,257,980	11/2/93	Van Antwerp et al.					
	5,254,096	10/19/93	Rondelet et al.					
FOREIGN PATENT DOCUMENTS								
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GMA ↓		WO9801071	15.01.98	WIPO				
		WO8606796	20.11.86	WIPO				
		WO99/62576	09/12/99	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
GMA ↓		Web-Site Brochure dated 12/20/99. "The Animas R-1000 Insulin Pump". www.animascorp.com/pump_f_s.html						
		Web-Site Brochure dated 12/20/99. "The Animas R-1000 Insulin Pump". www.animascorp.com/pump_f_f.html						
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/intro2.htm						
EXAMINER					DATE CONSIDERED			9/18/06
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Applicant Flaherty, et al				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,244,463	9/14/93	Cordner, Jr. et al			
		5,242,406	9/7/93	Gross et al			
		5,643,213	7/1/97	McPhee			
		5,630,710	5/20/97	Tune et al.			
		5,545,152	8/13/96	Funderburk et al			
		5,533,389	7/9/96	Kamen et al.			
		5,505,709	4/9/96	Funderburk et al.			
		5,492,534	2/20/96	Athayde et al.			
		5,411,480	5/2/95	Kriesel			
		5,318,540	6/7/94	Athayde et al.			
		5,312,337	5/17/94	Flaherty et al.			
		405,524	2/9/99	Falk et al.			
		5,702,363	12/30/97	Flaherty			
		5,695,490	12/9/97	Flaherty et al.			
		5,665,065	9/9/97	Colman et al.			
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/product2.htm					
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/product3.htm					
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/product4.htm					
EXAMINER 				DATE CONSIDERED 9/8/06			
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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QJM		5,647,853	7/15/97	Feldmann et al.			
		5,755,682	5/26/98	Knudson et al.			
		6,071,292	6/6/00	Makower et al.			
		6,019,747	2/1/00	McPhee			
		5,997,501	12/7/99	Gross et al.			
		5,957,890	9/28/99	Mann et al.			
		5,954,699	12/21/99	Jost et al.			
		5,954,058	12/21/99	Flaherty			
		5,11,716	6/15/99	Rake et al.			
		5,906,597	5/25/99	McPhee			
		5,886,647	3/23/99	Badger et al.			
		5,848,991	12/15/98	Gross et al.			
		5,840,063	11/24/98	Flaherty			
		5,814,020	9/29/98	Gross			
		5,810,015	9/22/98	Flaherty			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

EXAMINER <i>Clifford A. McArthur</i>	DATE CONSIDERED <i>9/18/06</i>
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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GPM		5,800,405	9/1/98	McPhee			
		5,785,688	7/28/98	Joshi et al.			
		5,785,681	7/28/98	Indravudh			
		5,779,676	7/14/98	Kriesel et al.			
		5,776,103	7/7/98	Kriesel et al.			
		5,748,827	5/5/98	Holl et al.			
		5,741,228	4/21/98	Lambrech et al.			
		5,726,751	3/10/98	Altendorf et al.			
		5,726,404	3/10/98	Brody			
		5,704,520	1/6/98	Gross			
		5,845,218	12/1/98	Altschul			
		6,061,580	5/9/00	Altschul et al.			
		5,983,094	11/9/99	Altschul et al.			
	5,965,848	10/12/99	Altschul et al.				
	5,875,393	2/23/99	Altschul et al.				
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>Elysa M. Merck</i>				DATE CONSIDERED <i>9/8/06</i>			
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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,144,847	11/7/00	Altschul et al.			
		4,268,150	5/19/81	Chen			
		311,735	10/30/90	Aran et al.			
		306,691	3/20/90	Arai			
		5,576,781	11/19/96	Deleeuw			
		5,452,033	12/19/95	Balling et al.			
		5,239,326	8/24/93	Takai			
		5,045,871	9/3/91	Reinholdson			
		4,973,998	11/27/90	Gates			
		4,882,600	11/21/89	Van de Moere			
		4,801,957	1/31/89	Vandemoere			
		315,727	3/26/91	Arai et al.			
		303,013	8/22/89	Konopka			
		4,624,661	11/25/86	Arimond			
		4,108,177	8/22/78	Pistor			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,624,661	11/25/86	Arimond			
		4,755,173	7/5/88	Konopka et al.			
		4,898,579	2/6/90	Groshong et al.			
		5,109,850	5/5/92	Blanco et al.			
		5,205,819	4/27/93	Ross et al.			
		5,244,463	9/14/93	Cordner, Jr. et al.			
		5,433,710	7/18/95	Van Antwerp et al.			
		5,584,813	12/17/96	Livingston et al.			
		5,637,095	6/10/97	Nason et al.			
		5,660,728	8/26/97	Saaski et al.			
		5,839,467	11/24/98	Saaski et al.			
		5,851,197	12/22/98	Marano et al.			
		5,935,099	8/10/99	Peterson et al.			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED 9/8/06
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				Applicant Flaherty, et al				
				Filing Date 9/15/2003		Group Art Unit		
U. S. Patent Documents								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,232,439	8/3/93	Campbell et al.				
		5,281,202	1/25/94	Weber et al.				
		5,342,313	8/30/94	Campbell et al.				
		5,514,096	5/7/96	Hiejima				
		5,575,770	11/19/96	Melsky et al.				
		5,665,70	9/9/97	McPhee				
		5,797,881	8/2/98	Got				
		5,891,097	4/69	aio et al.				
		5,897,530	4/27/99	Jackson				
		6,152,898	11/28/00	Olsen				
		5,637,095	6/10/97	Nason et al				
✓		5,919,167	7/6/99	Mulhauser et al.				
FOREIGN PATENT DOCUMENTS								
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							YES	NO
		WO01/52727	17.01.01	WIPO				
		WO00/78210	15.06.00	WIPO				
		WO00/74752	30.05.00	WIPO				
		WO00/19887	20.09.99	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		User's Guide for Model 508 Insulin Pump, MiniMed, 8/00, 145 pages						
EXAMINER		DATE CONSIDERED						
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.								

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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERU		6,375,638	4/23/02	Nason et al			

FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
ERU		Morgan Electro Ceramics; Piezo Ceramic Products Technical Information; <i>Instruction Piezoelectric Ceramics</i> , May 16, 2001; 15 Pages					
		Solenoids Catalog - Magnetic Sensor Systems, <i>Solenoid Construction</i> , 2 pages					
		Lind et al, 2nd Tampere International Conference on Machine Automation; <i>Linear Motion Miniature Actuators</i> , September, 1998; 12 pages					
		Galante, T., et al; United Technologies Research Center, ; <i>Design, Modeling, and Performance of a High Force Piezoelectric Inchworm Motor</i> , 13 pages					
		M. Vaughan; Thesis submitted to the Faculty of the Virginia Polytechnic Institute and State University; <i>The Design, Fabrication, and Modeling of a Piezoelectric Linear Motor</i> , December 2001					
		Mavroidis, C.; Department of Mechanical and Aerospace Engineering, Rutgers University, <i>Development of Advanced Actuators Using Shape Memory Alloys and Electrorheological Fluids</i> , 70 pages					
		Park, J., et al, Mechanical and Aerospace Engineering Dept., University of California, <i>Design and Testing of a Mesoscale Actuator Device</i> , 33 Pages					
EXAMINER					DATE CONSIDERED 9/18/06		

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				Applicant Flaherty, et al				
				Filing Date 9/15/2003		Group Art Unit		
U. S. Patent Documents								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		4,836,752	6/6/89	Burkett				
		3,631,847	1/4/72	Hobbs				
		5,993,423	11/30/99	Choi				
		5,800,397	9/1/98	Wilson				
		3,812,843	5/28/74	Wootten, et al.				
		4,808,161	2/28/89	Kamen				
		5,858,005	1/12/99	Kriesel				
		5,931,814	8/3/99	Alex, et al.				
		4,781,688	11/1/88	Thoma, et al.				
FOREIGN PATENT DOCUMENTS								
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							YES	NO
		WO01/76684	10/18/01	WIPO				
		EP0937475	8/25/99	EP				
		DE4200595	7/15/93	GERMANY				X
		WO00/29049	5/25/00	WIPO				
		WO00/61215	10/19/00	WIPO				
		WO00/48112	8/17/00	WIPO				
		WO00/30705	6/2/00	WIPO				
		EP0763369	3/19/97	EP				
		DE19920896	9/11/00	GERMANY				X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,507,288	4/16/96	Bocker et al.			
		6,485,461	11/26/02	Mason, et al.			
		6,520,936	2/18/03	Mann			
		5,858,001	1/12/99	Tsals, et al.			

FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO02/20073	3/14/02	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER 	DATE CONSIDERED 9/18/06
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				Applicant Flaherty, et al			
				Filing Date 9/15/2003		Group Art Unit	

U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ELN</i>		5,346,476	9/13/94	Elson			

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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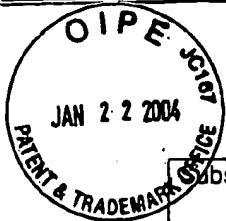
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
International Search Report (PCT/US03/16640)							

EXAMINER <i>Lythia Maxwell</i>	DATE CONSIDERED <i>9/8/06</i>
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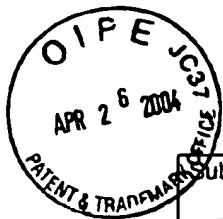
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.



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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Applicant Flaherty, et al				
				Filing Date 9/15/2003		Group Art Unit		
U. S. Patent Documents								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
ELM		4,944,659	7/31/1990	Labbe, et al.				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER Elizabeth MacNeill				DATE CONSIDERED 9/8/06				
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				Filing Date 9/15/2003		Group Art Unit	
U. S. Patent Documents							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RLY		4,193,397	03/18/1980	Tucker, et al.			
		6,024,539	02/15/2000	Blomquist			
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	Elizabeth MacLellan				DATE CONSIDERED	9/8/06	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.							



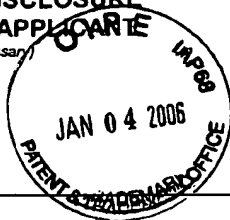
Subst. Form PTO-1449				Docket Number (Optional) 59249-0157 (INSL-125DV)		Application Number 10/662,761		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Applicant Flaherty, et al				
				Filing Date 9/15/2003		Group Art Unit		
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EXAMINER Elizabeth MacNeill				DATE CONSIDERED 9/18/06				
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/662,761
Filing Date	September 15, 2003
First Named Inventor	Flaherty, J.
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 3

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Substitute Disclosure Statement Form (PTO-1449)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/662,761
	Filing Date	September 15, 2003
	First Named Inventor	Flaherty, J.
	Group Art Unit	Unknown
	Examiner Name	Unknown
Sheet 2 of 3	Attorney Docket No: INSL-0125DV	

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Elyette McMullen

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	Application Number	10/662,761
	Filing Date	September 15, 2003
	First Named Inventor	Flaherty, J.
	Group Art Unit	Unknown
	Examiner Name	Unknown
Sheet 3 of 3		Attorney Docket No: INSL-0125DV

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